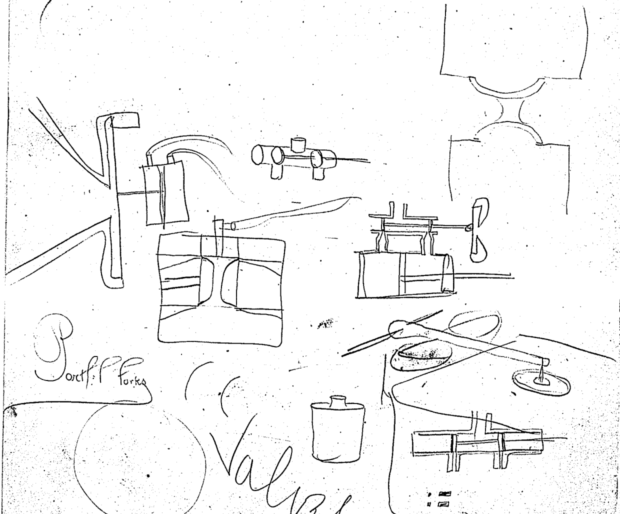
1878. Acoustic Devices (NS-78-002)

See also : "1878. Voltameter" (NS-78-012).

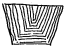
Aerophone April 30 1878
TAEdison

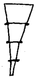

Port[illegible] Forks
Valves

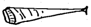
Caveat

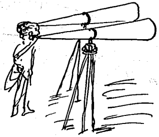
Telephonescope

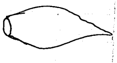
May 10 1878 =

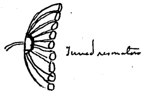


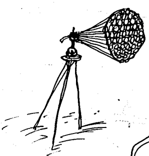


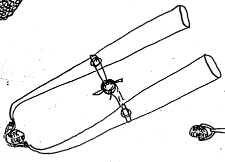


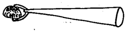


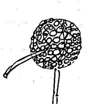



Tuned resonators







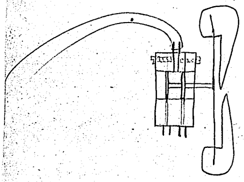


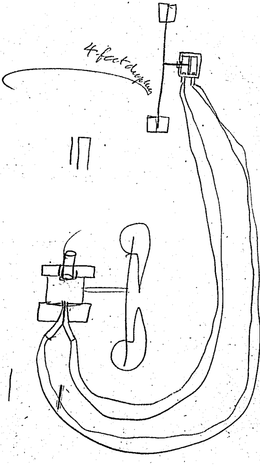
Aeraphone

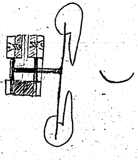
May 17 1878

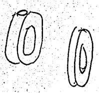
T A Edison

Chas Batchelor



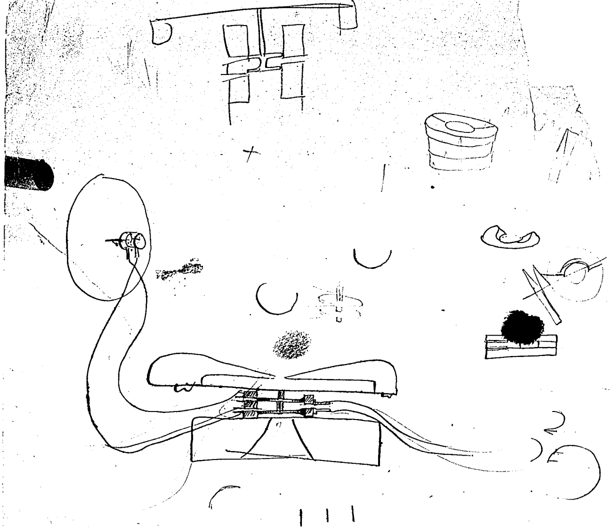

4 feet diaphm





ophone June 14

Chas Batc



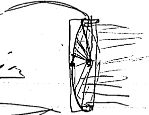
T. A. EDISON.

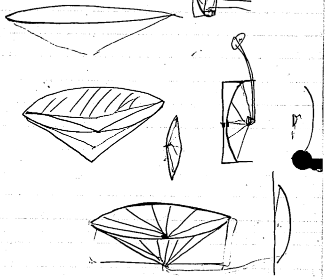
Aerophone

Menlo Park, N. J., 187

June 19 1878

T A Edison





Aurophone

June 21 1878

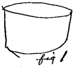
T A Edison

J Kruesi

G E Carman

M N Force

Chas Batchelor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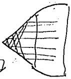
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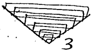
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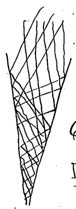
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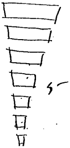
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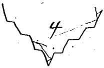
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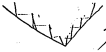
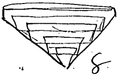

7

This apparatus

apparatus

Thousand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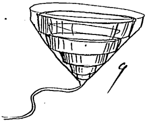
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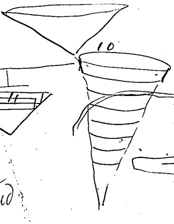
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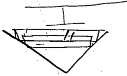
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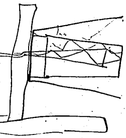
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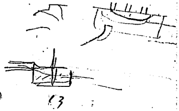
Thistle

Portland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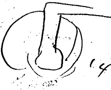
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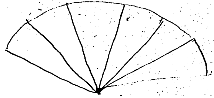
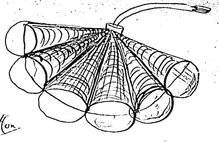
15 drawings,

Auriphone

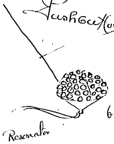
June 21 1878
T A Edison
Chas Batchelor





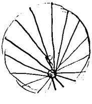
Push button

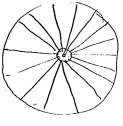
" P



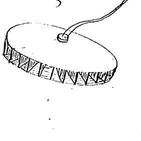
Push button

Megaphone or rather
Aurophone



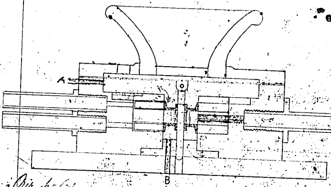


boquet of funnels

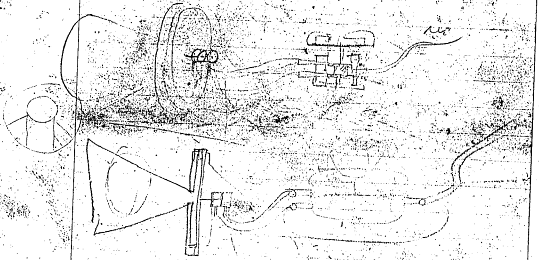


Valve for "Aerophone"

June 21st 1878 Chas Batchelor J Kruesi



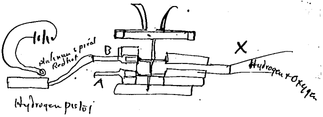
A, B, Air holes



June 21 1878

Chas Batchelor T A Edison
J Kruesi
G E Carman
M. N. Force

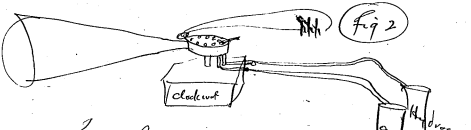
Fig 1


platinum spiral Redhot
B
X
A
Hydrogen + Oxygen
Hydrogen pistol

Des 1 May arrange it to let H. pass in B & Oxygen in A. & use X for pistol.

This will dispense with diaphragm and cylinder

Fig 2


clockwork
Oxygen
Hydrogen

Des 2 Fog signal Siren using Explosion gases in chambers.

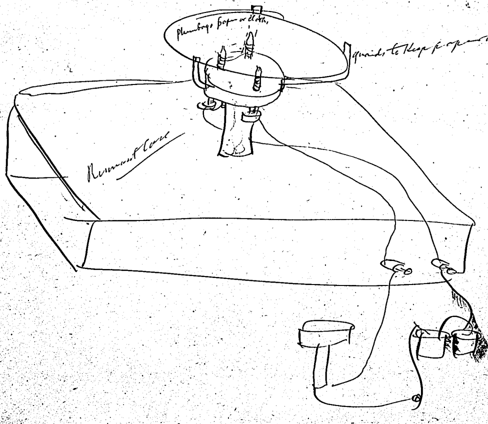
The Chambers are filled automatically & Explode by hot spiral as they come opposite funnel like Colts revolver =

June 21 1876

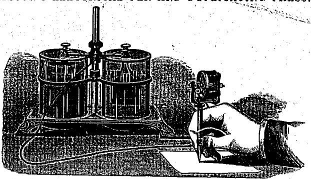
T A Edison

Chas Batchelor

Microphone


Plumbago paper or cloth,
guides to keep paper or cloth on
Resonant case

EDISON'S ELECTRICAL PEN AND DUPLICATING PRESS.

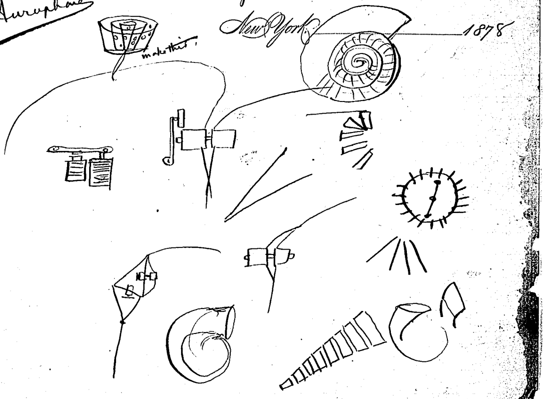


CHAS. BATCHELOR, General Agent for Foreign Countries.
P. O. Box 8207.

June 21 1878 TAE

New York, 1878

Aurophone

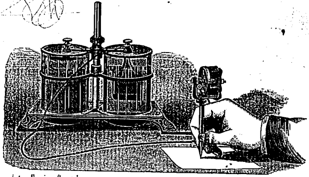


Unbound Notes and Drawings, 1874-1878

1878. Acoustic Devices (NS-78-002)

[These pages probably follow the document on Reel 7, Frame 760.]

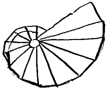
EDISON'S ELECTRICAL PEN AND DUPLICATING PRESS.

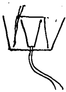


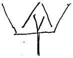
CHAS. BATCHELOR, General Agent for Foreign Countries,
P. O. Box 8207.

Auraphone

New York June 21 1878







Unbound Notes and Drawings, 1874-1878

1878. Acoustic Devices (NS-78-002)

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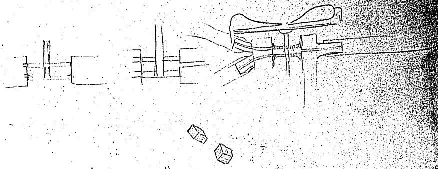
Aerophone

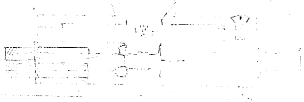
Valve for aerophone

June 21

Chas Batchelor

J Kruesi





Unbound Notes and Drawings, 1874-1878

1878. Acoustic Devices (NS-78-002)

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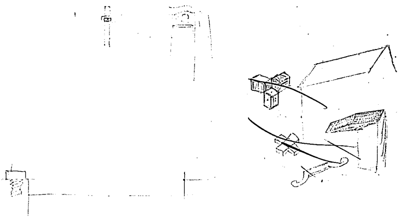

T A Edison

Unbound Notes and Drawings, 1874-1878

1878. Acoustic Devices (NS-78-002)

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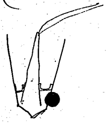
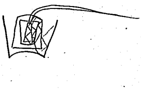
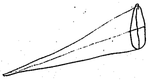
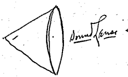
Auriphone
for the deaf

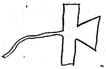
June 22 1878
T A Edison

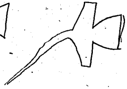


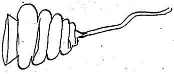


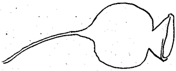



Sound Lense





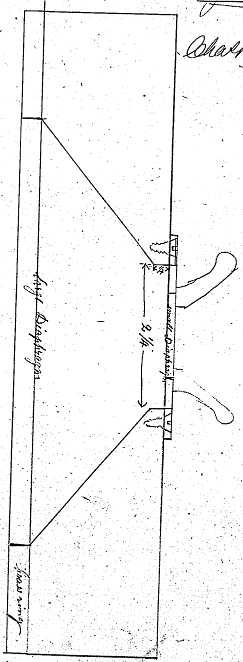


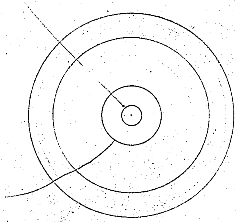


Magnophone June 22d 1878

J Kruesi

Chas Batchelor

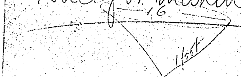

small Diaphragm
1/4
2 1/4
large Diaphragm
brass ring



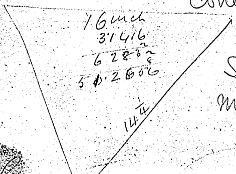
Aurophone June 23 1878

T A Edison
Chas Batchelor
Martin N. Force
J Kruesi
G E Carman
M N Force

Rule for making Cone

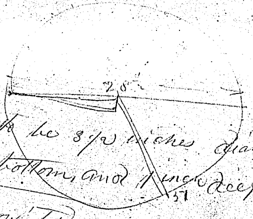


Cone to be 16 in at mouth & taper to nothing 12 in deep



16 inch
3.1416
6.2832
51.2656

Strike a circle 14¼ radius measure off 51 inches on circle and



Sizes of rings for Cone.

× First ring to be 3½ inches diameter on Top 3 inches on bottom, and 1 inch deep making ½ taper

× Second 6½ on Top
6 on bottom.

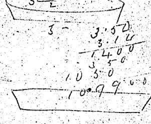
6.50
3.14

× Third 9½ on top
9 on bottom

3

Fourth 12½ on top
12 on bottom

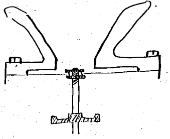
Fifth 15½ on top
15 on bottom

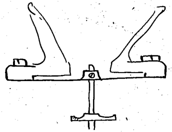


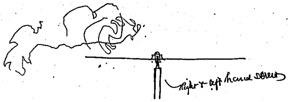
Geo Moore

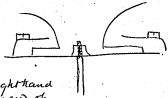
e 28th 1898

Chas Batchelor





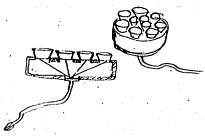

Right & left hand screw



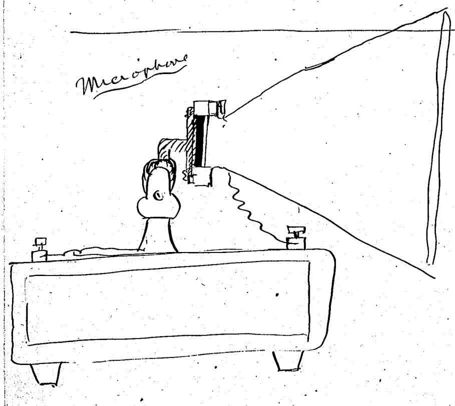
__Best__: right hand thread on end of rod screwed into brass spect hub on diaph. and screw-driver slot in top of same.

"Deaf"
Auriphone

June 29. 1878
T A Edison



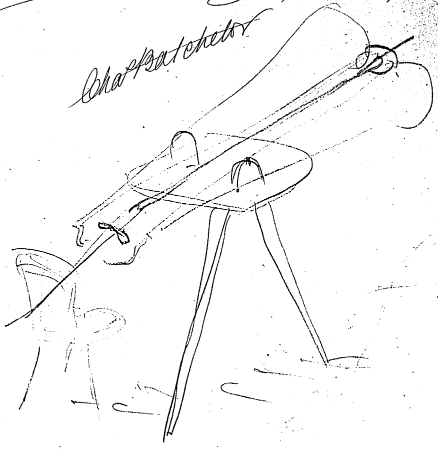
Microphone



T A Edison

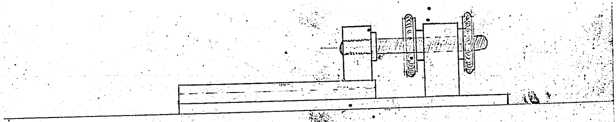
Megaphone

July 2 — 1878



Chas Batchelor

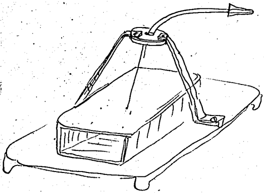
Rec.d same July 3d. 1828
J S Linnell

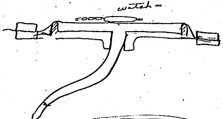


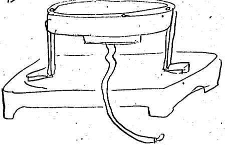
Mechanical

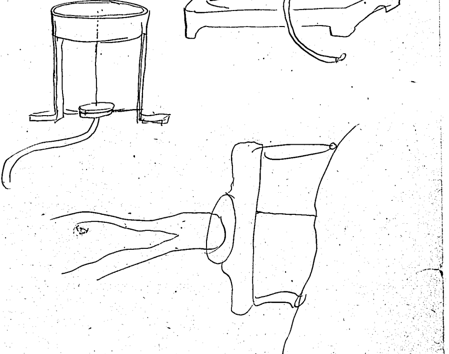
Microphone

July 6 1878
T A Edison



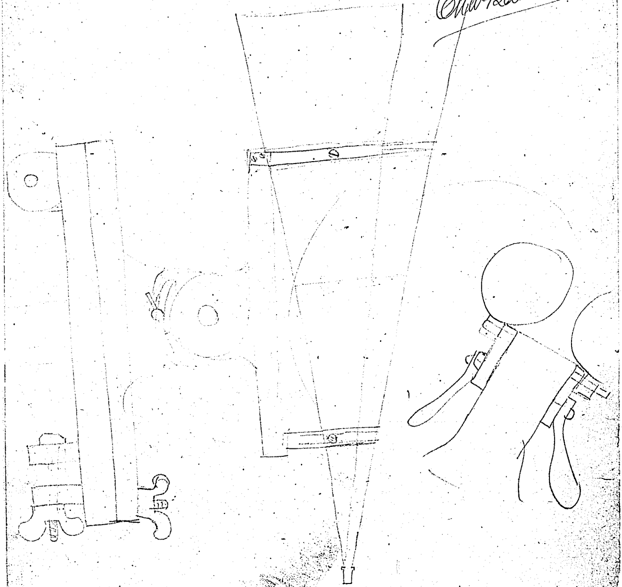






Megaphone July 18th 1878

Chas Batchelor

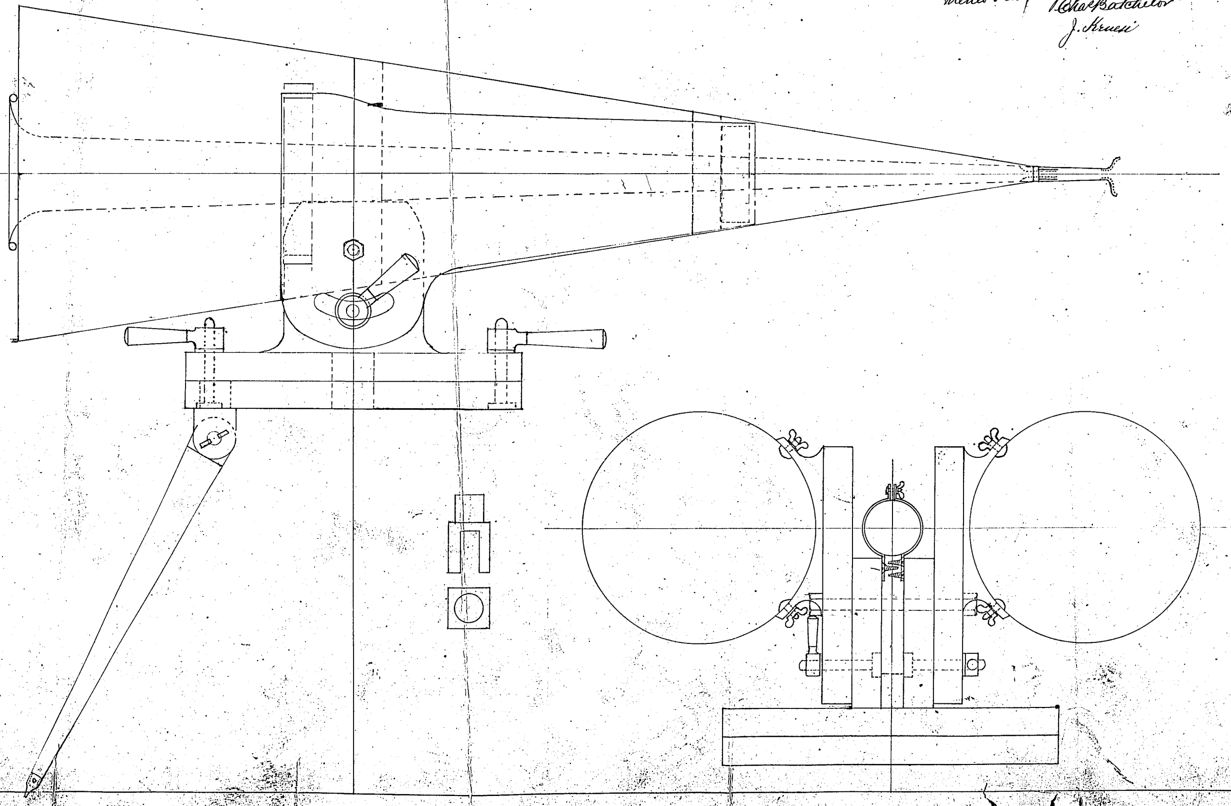


THE REDUCTION RATIO FOR THIS DOCUMENT IS 17:1

1/4 of actual size

FROM THE LABORATORY OF
T. A. EDISON.
MENLO PARK, N. J.
U. S. A.

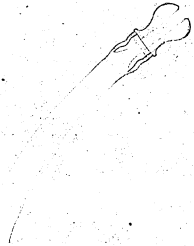
Edison's Megaphone July 27th 1878
Menlo Park N.J.
Chas Batchelor
J. Kruesi

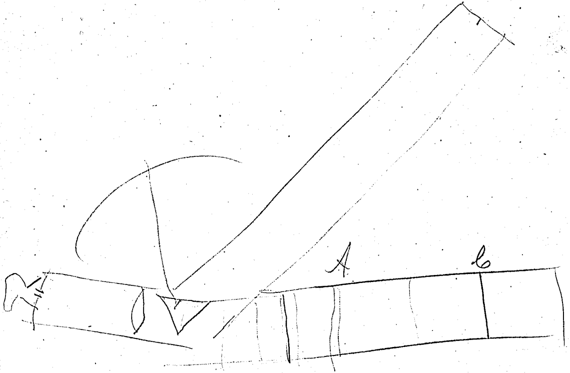


[illegible] Aug. 1878

J Kruesi

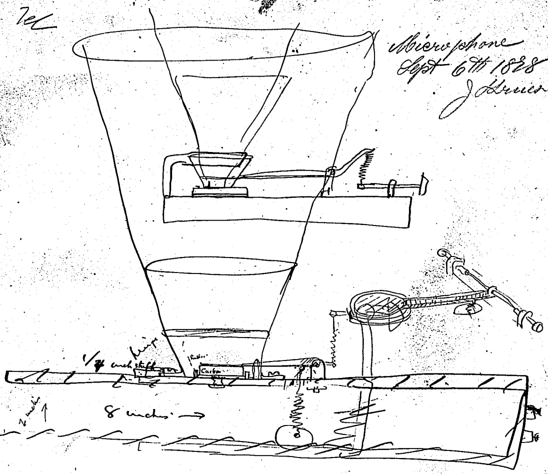
Chas Batchelor



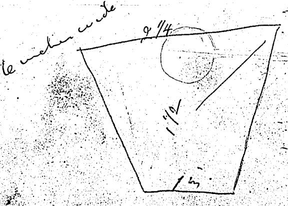

A
b

Tel

Microphone
Sept 6th 1878
J Kruesi



1/4 inch stiff hinge
Rubber
Carbon
2 inches
8 inches →

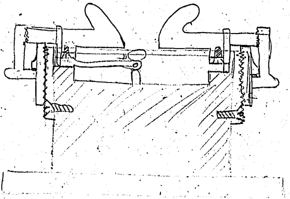


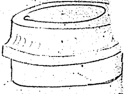
6 inches wide
2 1/4
1 1/2
1 in

Aerophone

Sept 27

Chas Batc

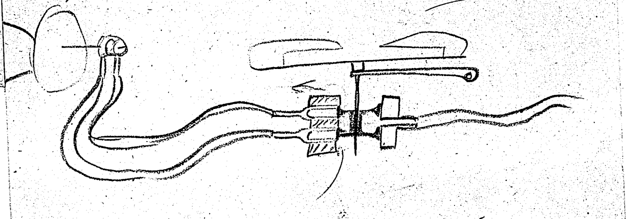




T A Edison

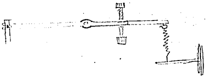
Aerophone Sept 27 1878

Chas Batchelor



Sept 27 1878
T A Edison
Chas Batchelor

Aerophone

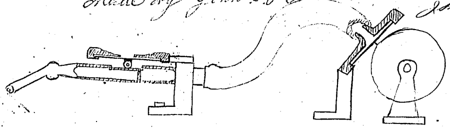


Unbound Notes and Drawings, 1874-1878

1878. Acoustic Devices (NS-78-002)

[This page probably follows the document on Reel 7, Frame 776.]

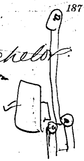
Made by John F. Ott Nov 30th 1878
J Kruesi

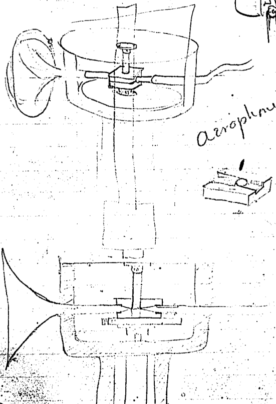


T. A. EDISON,

Menlo Park, N. J., 187

Chas Batchelor
TAE





Aerophone

~~Chas Batchelor~~

~~Chas Batchelor~~

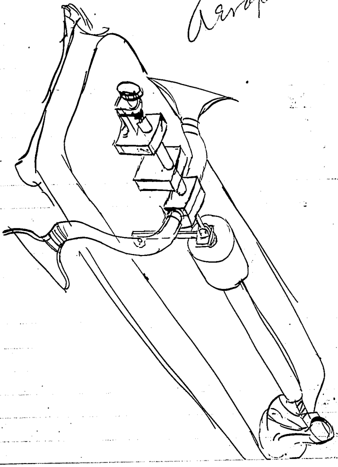
~~Chas Batchelor~~

~~Chas Batchello~~

~~Chas Batchelor Batchelor~~

T. A. EDISON,

Menlo Park, N. J., 187

aerophone